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The Trend of Business

IN THE UNITED STATES

Business Activity for the 4 weeks ending December 17 was up 18 per cent from the previous 4 weeks, but was 3 per cent below the corresponding period in 1948, and for the first 11 months of the year was 6 per cent below last year, according to the New York *Times* Business Activity Index.

Freight Car Loadings for the same 4-week period were up 4 per cent from the previous 4 weeks, but were 13 per cent below the corresponding period last year, and for the first 11 months of the year were 20 per cent below the same period in 1948.

Bank Debits outside New York City were up 2 per cent in November from October, but were 6 per cent below November 1948, and for the first 11 months of the year were 2 per cent below last year.

Total Personal Income, seasonally adjusted at annual rates, was up fractionally in November from October, but was 3 per cent below November 1948, and for the first 11 months of the year was down fractionally from last year. Salaries and wages income was substantially unchanged in November from October and 3 per cent below November 1948, but for the first 11 months of the year was 2 per cent above the same period last year. Non-agricultural income was up fractionally in November from October, at a level only slightly below November 1948, and for the first 11 months of the year was 2 per cent above last year.

Industrial Production, according to the Federal Reserve Board Index, was up 2 per cent in November from October, but was 12 per cent below November 1948, and for the first 11 months of the year was 9 per cent below last year.

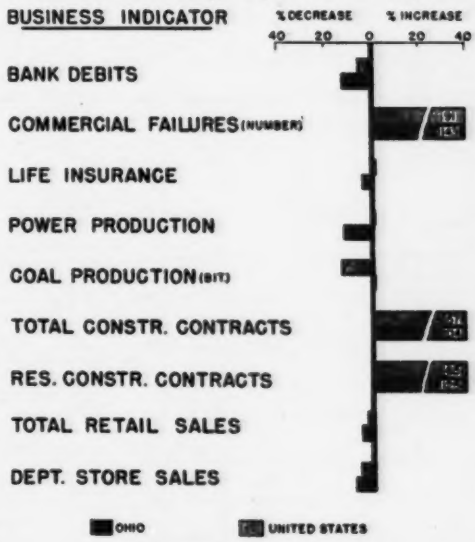
Electric Power Production was up fractionally in November from October, 1 per cent from November 1948, and 3 per cent for the first 11 months of the year.

Bituminous Coal Production was up substantially in November from October, but was 13 per cent below November 1948, and for the last 11 months of the year was 28 per cent below last year.

Steel Production was up substantially in November from October, but was 47 per cent below November 1948, and for the first 11 months of the year was 13 per cent below

(Continued on Page 2)

Ohio and United States Business
November, 1949 Compared with November, 1948



Source: Tables on pages 2a and 3a.

IN OHIO

Bank Debits in 16 Ohio cities were down 2 per cent in November from October, 13 per cent from November 1948, and for the first 11 months of the year were 4 per cent below last year.

Agricultural Income dropped 6 per cent in November from October, 9 per cent from November 1948, and for the first 11 months of the year was 14 per cent below the same period last year. For the first 11 months of the year, declines were reported in income from meat animals, dairy products, grains, and poultry and eggs.

Bituminous Coal Production was up substantially in November from October and was 1 per cent above November 1948, but for the first 11 months of the year was 24 per cent below last year.

Construction Activity as measured by the value of contracts awarded, dropped 22 per cent in November from October, but was 104 per cent above November 1948, and for the first 11 months of the year was 9 per cent above last year. Residential and non-residential construction dropped 25 per cent and 61 per cent, respectively, in November from October, but public works and utilities construction was up 186 per cent.

Retail Sales of independent dealers, adjusted for the number of working days, were up 2 per cent in November from October, but were 5 per cent below November 1948, and for the first 11 months of the year were 3 per cent below last year.

Department Store Sales were up 20 per cent in November from October, but were 7 per cent below November 1948, and for the first 11 months of the year were 7 per cent below last year. Sales of retail food and lumber dealers were down 7 per cent and 16 per cent, respectively, in November from October, but sales of apparel and furniture dealers were up 6 per cent in November from October. Sales of furniture dealers in November were 3 per cent above November 1948. For the first 11 months of the year, as compared with the same period last year there was a drop in sales of food, apparel, furniture and lumber.

Dyers' and Cleaners' Sales dropped 5 per cent in November from October, were 4 per cent below November 1948, and for the first 11 months of the year were 2 per cent below last year.

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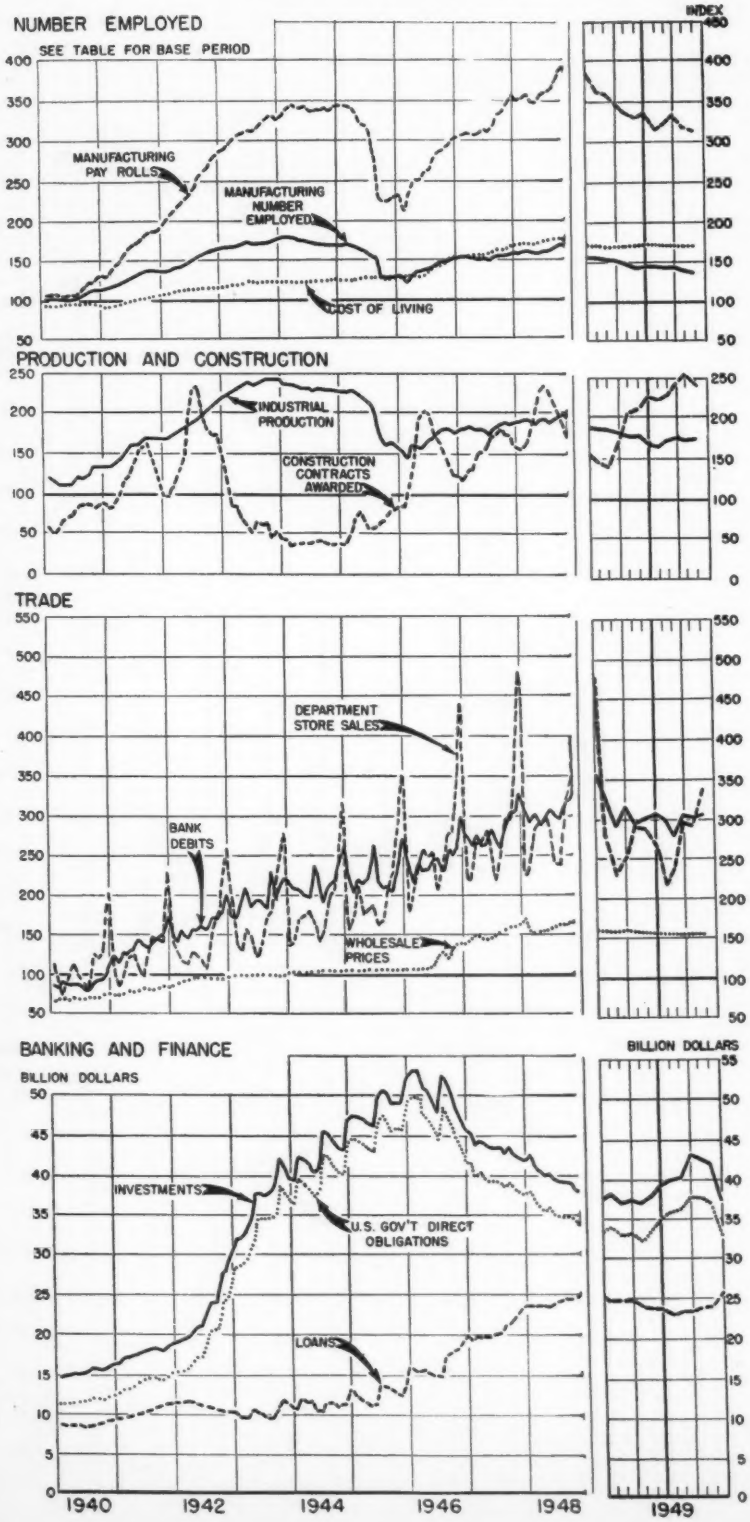
Business in the United States



IN THE UNITED STATES

(Continued from Page 1)

last year. The steel industry operated at 52 per cent of capacity in November as compared to 11 per cent in October when steel operations were curtailed because of the strike situation.

Manufacturing Employment dropped 1 per cent in November from October, was 12 per cent below November 1948, and for the first 11 months of the year was 9 per cent below last year. Manufacturing pay rolls dropped 3 per cent in November from October, 14 per cent below November 1948, and for the first 11 months of the year were 7 per cent below last year.

Wholesale Commodity Prices eased fractionally in November from October, were 8 per cent below November 1948, and for the first 11 months of the year were 6 per cent below last year.

Retail Food Prices were up fractionally in November from October, but were 3 per cent below November 1948, and for the first 11 months of the year were 4 per cent below last year.

Department Store Prices dropped fractionally in November from October, were 4 per cent below November 1948, and for the first 11 months of the year were 1 per cent below last year.

Cost of Living was up fractionally in November from October, but was 2 per cent below November 1948, and for the first 11 months of the year was 1 per cent below last year.

FOOTNOTES FOR BULLETIN TABLES

†Change in number of failures; [a]Figures in parentheses show number of firms reporting this month; [b]Data not available; [c]Only percentage change available; [d]Adjusted for seasonal changes; [e]Bureau of Business Research estimate; [f]Adjusted for number of working days; [g]Data cover county area; [h]Includes additions, alterations and repairs along with residential and nonresidential; [p]Preliminary; [r]Revised; [w]Weighted; [x]Less than 0.5%; [y]More than 1,000% increase.

Primary Sources:

Computed from original data collected by the Bureau of Business Research from: [1]Local Power and Light Co's.; [2]County Clerk of Courts; [3]Ohio Cleaners and Dyers.

Computed by the Bureau of Business Research from data collected in cooperation with: [4]Bureau of the Census, U. S. Dept. of Commerce.

Computed by the Bureau of Business Research from special tabulations supplied by: [5]Bureau of Labor Statistics, U. S. Dept. of Labor; [6]Federal Power Commission; [7]Life Insurance Sales Research Bureau; and from data of: [8]Board of Governors of the Federal Reserve System; [9]F. W. Dodge Corporation.

Other Data Sources: [10]New York *Times;* [11]Association of American Railroads; [12]Dun & Bradstreet, Inc.; [13]American Iron & Steel Institute; [14]*Steel Magazine;* [15]Federal Reserve Board; [16]U. S. Dept. of Agriculture; [17]*Commercial & Financial Chronicle;* [18]U. S. Bureau of Labor Statistics; [19]Wards Reports; [20]Federal Power Commission; [21]Bituminous Coal Division, U. S. Dept. of Interior; [22]U. S. Steel Corporation; [23]F. W. Dodge Corporation; [24]*Chain Store Age;* [25]U. S. Dept. of Commerce; [26]Fairchild Publications; [27]Standard and Poor's Corp.; [28]Dept. of Rural Economics, O. S. U.; [29]National Industrial Conference Board; [30]R. L. Polk & Co.; [31]Ohio Bureau of Unemployment Compensation.

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← U. S. Reference Data

ITEM — Unit or Index Base Period	Nov. 1949	Oct. 1949	Change from Last Month: Nov. 1949 from Oct. 1949	Change from Last Year: Nov. 1949 from Nov. 1948	Change from Last Year: 11 mos. 1949 from 1948
General Business					
Totals, or Average Indexes for 4 Weeks Ended on Indicated Dates			%	%	%
Bus. Activity[10] 12/17/19 *Comp. Norm.*	150	127	+ 18	— 3	— 6
Fght. Car Loadings[11] 12/17/49 *Thous.*	2,667	2,565	+ 4	— 13	— 20
Com. Failures[13] 12/17/49 ....*Number*	721	822	— 12	+ 62	+ 78
Calendar Months					
• Bank Dbts. (Excl. N.Y.C.)[6,f] *1935–39*	307	301	+ 2	— 6	— 2
Seasonally Adjusted, at Ann. Rates:					
Tot. Pers. Income Pay.[25,d] *Bil. Dol*	210	209	+ x	— 3	— x
Salaries and Wages Inc.[25,d] "	134	134	0	— 3	+ 2
Non-Agricultural Inc.[25,d].. "	192	191	+ x	— x	+ 2
Agr. Inc. (Cash f. Mktgs.)[16] *1935–39*					
Life Ins. Sales[7]..... "	205	201	+ 2	+ 2	— x
Steel Ind. Oper. Rate[12]..% Capacity	52	11	+364	— 48	— 15
Securities Issued[17].—New..*Mil. Dol.*	379	675	— 44	— 36	— 11
Securities Issued[17]—Refunding "	109	148	— 26	+ 49	+ 22
Employment and Pay Rolls[18]					
• No. Employed—Mfg. *1939*	137	139	— 1	— 12	— 9
• Pay Rolls—Manufacturing .... "	314	321	— 2	— 14	— 7
Production					
• Industrial Prod.[15] *1935–39*	172	169	+ 2	— 12	— 9
Elec. Power Prod.[20]..*Mil. of K.W.H.*	24,328	24,288	+ x	+ 1	+ 3
Bitum. Coal Prod.[21].....*Thous. Tons*	43,755	10,550	+315	— 13	— 28
Steel Prod.[12] *Av. Weekly Tons Thous.*	966,269	209,048	+362	— 47	— 13
Pig Iron Prod.[14].....*Thous. Tons*	2,722	612	345	— 50	— 11
Mach. Tool Shipments[14].....*1945–47*	68	62	+ 9	— 11	— 13
Construction (Value of Contracts Awarded—37 Eastern States)					
• Total (Index)[15] 3 Mo.Mov.Av. *1923–25*	242	251	— 4	+ 43	+ 8
Total[23] .....*Thous. of Dol.*	957,761	1,061,751	— 10	+ 57	+ 8
Residential[23] ..... " "	435,235	500,702	— 13	+ 65	+ 14
Nonresidential[23] ..... " "	266,103	357,085	— 25	+ 11	— 2
Public Works & Util.[23]. " "	256,423	203,964	+ 26	+140	+ 14
Distribution					
Retail Sales[25] .....%	c	c	+ 4	— 2	— 2
• Dept. Store Sales[15].....*1935–39*	339	293	+ 16	— 5	— 6
Prices					
• Wholesale Commod. Prices[15]....*1926*	152	152	— x	— 8	— 6
• Cost of Living[5].....*1935–39*	169	169	+ x	— 2	— 1
Retail Food Prices[15]..... "	201	201	+ x	— 3	— 4
Dept. Store Prices[26]..... "	137	137	— x	— 4	— 1

Banking and Finance

ITEM — Unit	Dec. 21 1949	Dec. 22 1948	Dec. 24 1947	Change from Last Month Amt.	Change from Last Year Pr.Ct.
Federal Reserve Banks[15]				$	%
U.S. Gov. Securities...*Mil. Dol.*	18,538	22,845	21,900	+ 749	— 19
Member Bank Borrowings "	130	427	288	+ 5	— 70
Member Banks—101 Cities[15]					
• Total Loans ..... "	24,701	25,538	23,722	+ 399	— 3
Bus. & Agr. Loans and Open Market Paper "	13,864	15,632	14,719	+ 88	— 11
Brok. & Other Secur. Ins. ..... "	2,073	1,963	1,935	+ 76	+ 6
Real Estate Loans... "	4,337	4,070	3,446	+ 60	+ 7
Other Loans ..... "	4,421	3,920	3,419	+ 91	+ 13
• Total Investments .... "	42,711	37,603	44,873	+ 507	+ 14
• U.S. Gov. Obligations.. "	37,657	33,455	40,906	+ 400	+ 13
Demand Deposits ..... "	48,254	47,928	48,877	+ 1,629	+ 1
Time Deposits ..... "	15,250	14,897	14,461	+ 2	+ 2
Money[15]					
Money in Circulation.. "	27,833	28,560	29,111	+ 436	— 3
Monetary Gold Stock.. "	24,427	24,234	22,743	— 103	+ 1
Security Markets[27]					
Stock Prices—365 Ind. *In'x'35–39*	140	125	131	+ 5	+ 12
" " — 20 Rails " "	100	104	109	+ 4	— 5
" " — 31 Util. " "	104	93	94	+ 1	+ 12
BondYld-Corp.Al+(high gr.)%	2.547	2.782	2.849	— .025	— 8

* Indicates Series Charted (page 2). For Sources and Footnotes, see page 2.

Reference Data—Ohio →

ITEM (Unit or Index Base Period)	Nov. 1949	Oct. 1949	Change from Last Month: Nov. 1949 from Oct. 1949	Change from Last Year: Nov. 1949 from Nov. 1948	Change from Last Year: 11 mos. 1949 from 1948
General Business					
			%	%	%
• Bank Debits[8,f] (16 cities) ... *1935–39*	298	304	— 2	— 13	— 4
Commercial Failures[12] ..... *Number*	51	37	+ 38	+143	+153
Commercial Liabilities[12] .. *Thous. Dol.*	918	428	+114	+ 29	+ 80
Life Ins. Sales[7] *1935–39*	194	186	+ 4	— 4	— 2
Agr. Income[28]—Total *1924–28*	288	308	— 6	— 9	— 14
Meat Animals ..... "	353	407	— 13	— 1	— 11
Dairy Products ..... "	235	235	0	— 6	— 23
Grains ..... "	338	359	— 6	— 14	— 13
Poultry and Eggs ..... "	229	208	+ 10	— 21	— 10
• Electric Power Produc.[6,f] ... *1935–39*	254	231	+ 10	— 8	+ x
Bit. Coal Prod.[21] 4 wks. *Thous. Tons*	3,023	962	+214	+ 1	— 24
Construction (Value of Contracts Awarded)[9,f]					
• Total (Index) *1935–39*	399	511	— 22	+104	+ 9
Residential ..... "	545	723	— 25	+125	+ 9
Nonresidential ..... "	229	501	— 61	+ 5	+ 5
Public Works & Utilities .. .. "	422	148	+186	+286	+ 19
Distribution					
Retail Sales—Independent Stores[4]					
All Lines[w] (1810)[a] *1935–39*	245	251	— 2	— 5	— 4
All Lines[w,d] (1810) ..... "	234	238	— 2	— 5	— 4
All Lines[w,f] (1810) ..... "	e	e	+ 2	— 5	— 3
Food (269) *1935–39*	207	223	— 7	— 4	— 4
Apparel (179) ..... "	249	235	+ 6	— 11	— 11
Furniture (141) ..... "	222	208	+ 6	+ 3	— 12
Lumber (168) ..... "	317	378	— 16	— 3	— 10
• Dept. Store Sales (45) ... "	349	291	+ 20	— 7	— 7
Dyers' & Cleaners' Sales[3] (40) .. *1939*	231	243	— 5	— 4	— 2
Passgr. Car Reg. New[2] (38 cos.) *No.*	17,563	20,230	— 13	+ 11	+ 30
Truck Reg. New.[2] (38 cos.) ..... "	2,137	2,444	— 13	— 15	— 25
Used Car Reg.[2] (32 cos.) ..... "	45,360	49,934	— 9	+ 26	+ 22
Living Costs (6 cities)[29] .. *Jan. 1939*	161	161	— x	— 3	— 2
Placements, Unemployment and Unemployment Compensation[31]					
Placements by O.E.S. ..... *No.*	15,642	22,359	— 30	— 35	— 23
Registered for Work with O.E.S. "	193,976	181,422	+ 7	+167	+128
Total Benefit Payments .. *Thous. Dol.*	9,275	8,964	+ 3	+566	+269
Av. Receiving Benefits Wkly. ... *No.*	91,069	99,042	— 8	+431	+219
Wkly. Benefits Per Recipient ... *Dol.*	22.55	22.10	+ 2	+ 22	+ 12
Unemployment Com. Fund .. *Mil. Dol.*	539	543	— 1	— 3	b
Employment, Pay Rolls and Earnings[5]					
Number Employed:					
• Total[w] (5562)[a] *1935–39*	124	123	+ 1	— 13	— 8
• Manufacturing[w] (1885) ... "	109	107	+ 2	— 19	— 13
• Trade and Pub. Util.[w] (2894) "	124	126	— 2	— 6	+ x
• Construction (677) ..... "	150	153	— 2	— 7	— 13
Pay Rolls:					
• Total[w] (5562) ..... "	286	284	+ 1	— 14	— 7
• Manufacturing[w] (1885) ... "	259	256	+ 1	— 21	— 12
• Trade and Pub. Util.[w] (2894) "	228	232	— 2	— 1	+ 5
• Construction (677) ..... "	302	307	— 1	— 10	— 14
• Man-Hours—Mfg.[w] (1866) . "	121	121	+ 1	— 21	— 15
Wage Earner Mfg.[w] (1866)					
Av. Hours Worked ..... *No.*	39.1	39.6	— 1	— 2	— 3

Banking (4th Federal Reserve District)[15]

ITEM (Unit)	Dec. 21 1949	Dec. 22 1948	Dec. 24 1947	Change from Last Month Amt.	Change from Last Year Pr.Ct.
Cleveland Federal Reserve Bank				$	%
U.S. Gov. Securities *Thous.Dol.*	1,709,806	2,190,137	2,037,321	+69,128	— 22
Member Bank Borrowings "	16,146	28,247	32,783	— 1,675	— 43
Member Banks—4th District					
• Total Loans ..... *Mil. Dol.*	1,493	1,491	1,450	+ 74	+ 1
Bus. & Agr. Loans and Open Mkt. Paper .. "	809	922	863	+ 12	— 12
Brok. & "Other Secur." Loans ..... "	100	74	128	+ 5	+ 35
Real Estate Loans ... "	295	276	227	+ 4	+ 7
Other Loans ..... "	263	222	231	+ 8	+ 18
• Total Investments .... "	3,248	2,855	2,860	+ 42	+ 14
• U.S. Gov. Obligations .. "	2,879	2,511	2,540	+ 46	+ 15
Demand Deposits ..... "	3,198	3,090	3,052	+ 113	+ 3
Time Deposits ..... "	1,359	1,358	1,316	— 5	+ x

• Indicates Series Charted (pages 3, 4, or 5). For Sources and Footnotes, see page 2.

Business in Ohio

OHIO EMPLOYEE GROSS EARNINGS[3]

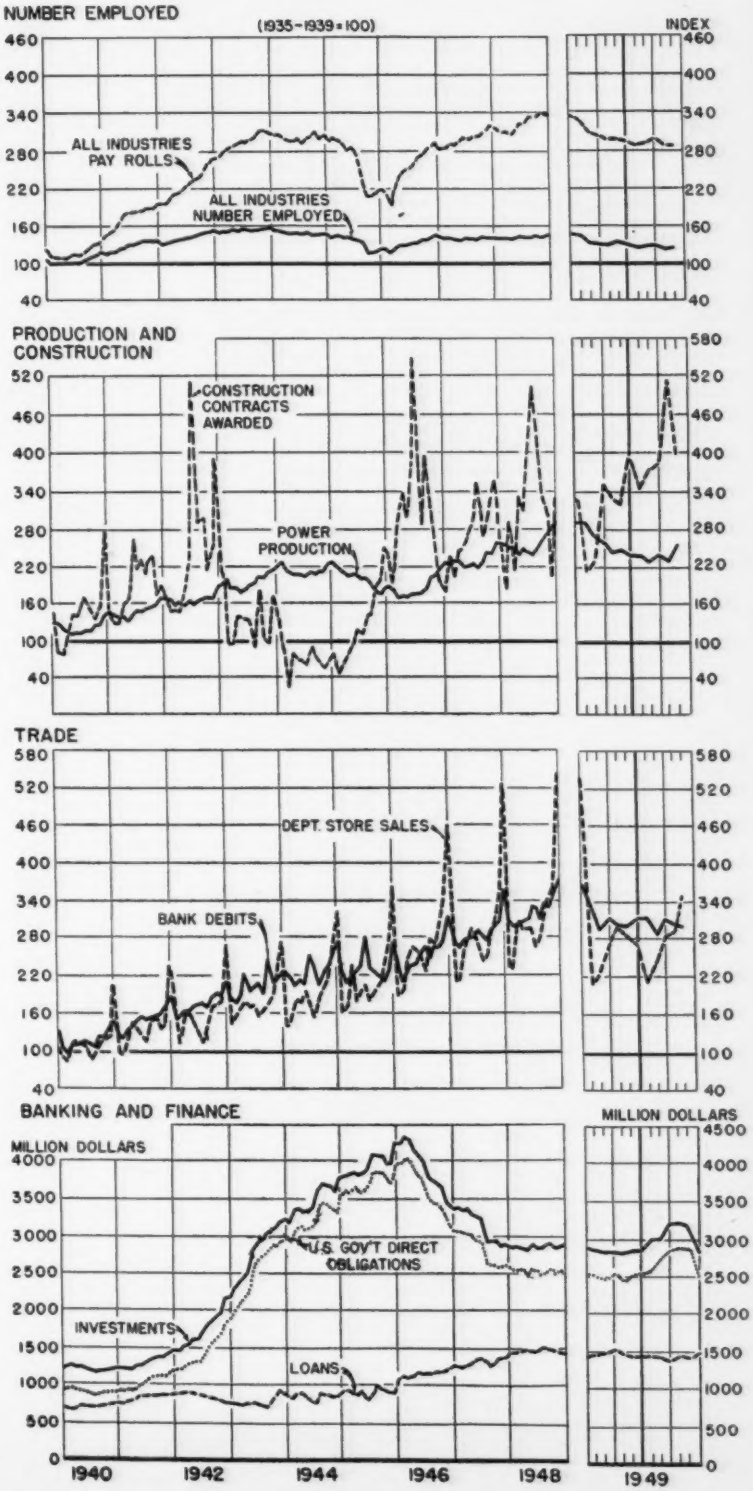
AREA (County)	November, 1949		November, 1948	
	Weekly	Hourly	Weekly	Hourly
Manufacturing:[(1)]				
Akron (70)[a]	61.48	1.71	60.77	1.70
Canton (75)	58.94	1.53	59.72	1.55
Cincinnati (329)	54.41	1.36	55.22	1.34
Cleveland (492)	61.76	1.58	64.88	1.60
Columbus (105)	53.85	1.42	55.83	1.40
Dayton (109)	65.66	1.68	65.48	1.65
Toledo (116)	66.73	1.73	68.76	1.73
Youngstown (33)	53.45	1.58	63.31	1.61
All Other Counties (728)	56.40	1.47	58.85	1.47
Total Ohio (2057)	58.96	1.51	60.77	1.52
Nonmanufacturing[(2)]				
Akron (112)	45.35	1.17	41.65	1.11
Canton (68)	33.66	0.82	39.90	1.04
Cincinnati (327)	44.72	1.13	43.79	1.09
Cleveland (276)	53.96	1.36	51.94	1.27
Columbus (201)	40.33	1.04	40.07	0.99
Dayton (83)	53.32	1.21	47.33	1.12
Toledo (139)	52.30	1.31	46.57	1.24
Youngstown (63)	46.34	1.14	44.16	1.11
All Other Counties (1476)	47.31	1.18	45.40	1.14
Total Ohio (2745)	46.77	1.18	44.95	1.11
Construction:[(3)]				
Akron (36)	74.13	2.05	73.01	1.92
Canton (34)	76.12	1.98	69.89	1.79
Cincinnati (112)	67.21	1.87	68.84	1.89
Cleveland (173)	87.50	2.29	83.81	2.18
Columbus (32)	64.08	1.81	71.53	1.66
Dayton (51)	72.93	2.11	72.95	1.92
Toledo (46)	80.35	2.18	80.90	2.14
Youngstown (23)	70.06	1.94	74.01	1.88
All Other Counties (169)	66.39	1.83	63.97	1.70
Total Ohio (676)	74.67	2.03	74.25	1.95
All Industries:				
Akron (218)	56.42	1.53	54.85	1.51
Canton (177)	46.77	1.31	54.52	1.42
Cincinnati (768)	51.17	1.29	51.01	1.26
Cleveland (941)	59.81	1.52	60.48	1.49
Columbus (338)	46.73	1.22	48.24	1.19
Dayton (243)	61.90	1.53	59.58	1.47
Toledo (301)	60.83	1.56	60.47	1.56
Youngstown (119)	51.02	1.39	57.66	1.46
All Other Counties (2373)	53.46	1.37	54.57	1.37
Total Ohio (5478)	54.75	1.40	55.63	1.39

(1) Covers production workers including working foreman.
(2) Covers all employees except executives and other high-salaried employees.
(3) Covers all on-site employees except executives and other high-salaried employees.

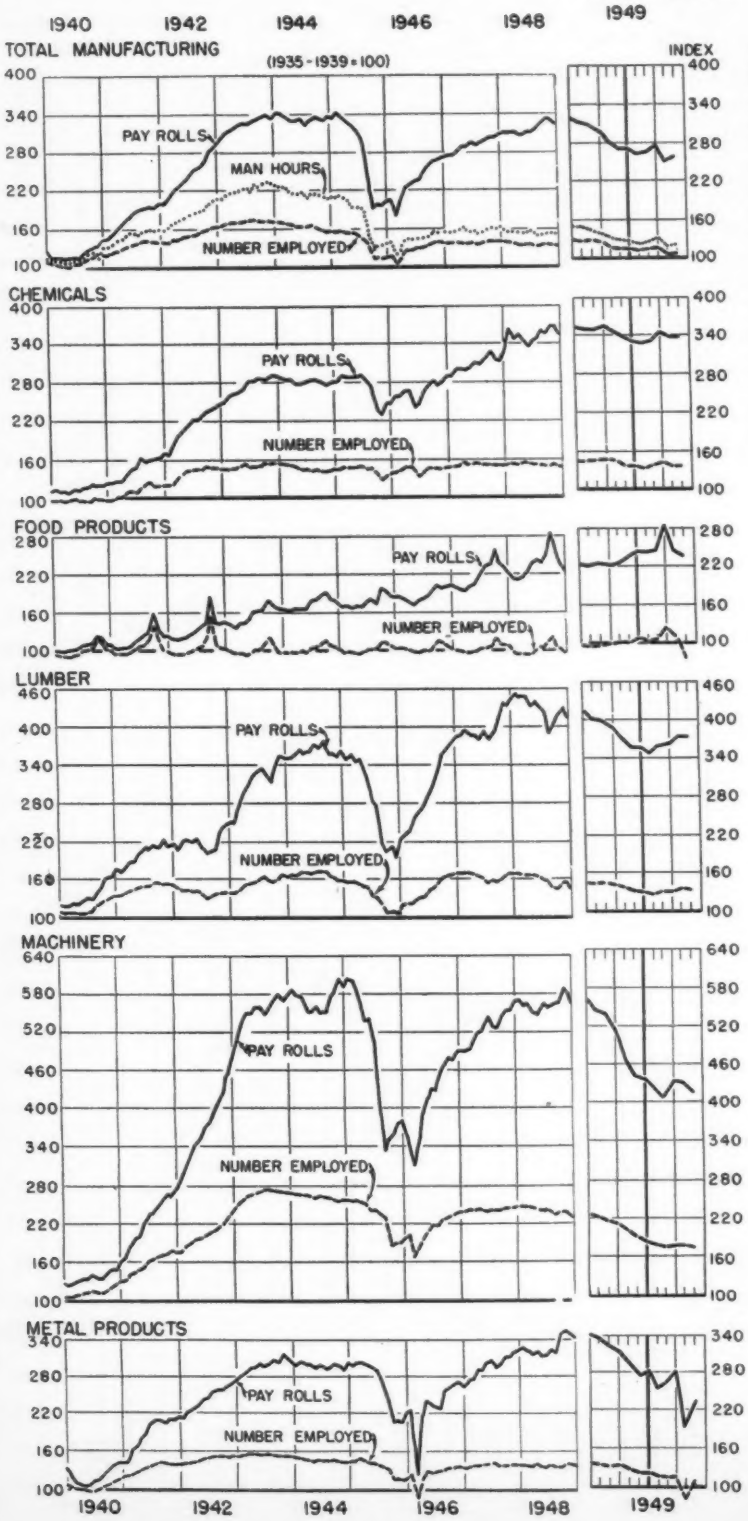
NEW AUTOMOBILE REGISTRATIONS[2]

Make of Car	7 MAJOR OHIO COUNTIES[(a)]				
	Nov. 1949	Oct. 1949	Change: Nov. 1949 from Oct. 1949	Change: Nov. 1949 from Nov. 1948	Percentage of Total 11 mos. 1949
	No.	No.	%	%	%
Chevrolet	3,101	3,472	— 11	+ 12	22
Ford	2,198	2,916	— 25	— 1	15
Plymouth	1,544	1,737	— 11	— 2	11
Buick	944	1,078	— 12	+226	8
Pontiac	880	1,016	— 13	+ 18	7
Dodge	831	917	— 9	+ 5	6
Oldsmobile	821	762	+ 8	+106	6
Studebaker	514	543	— 5	+ 46	3
Mercury	503	556	— 10	— 14	3
Nash	418	436	— 4	+ 15	3
Chrysler	353	505	— 30	— 11	3
De Soto	295	347	— 15	— 21	2
Hudson	276	248	+ 11	— 34	3
Packard	233	234	— x	+ 8	2
Cadillac	212	180	+ 18	+162	2
Kaiser	99	106	— 7	— 53	1
Lincoln	75	65	+ 15	— 38	1
Willys	62	70	— 11	— 53	1
Crosley	22	28	— 21	— 49	x
Frazer	15	14	+ 7	— 89	x
Others	12	14	— 14	— 70	x
Total	13,408	15,244	— 12	+ 10	100

(a) Does not include Mahoning County.
For sources and footnotes, see page 2.



Number Employed, Pay Rolls, nd



Manufacturing Employment was up 2 per cent in November from October, but was 19 per cent below November 1948, and for the first 11 months of the year was 13 per cent below the same period last year. The November gain from October was due primarily to substantial employment increase in the metal industries and fractional increases in the chemical industries. All other major manufacturing groups reported declines in November from October. As compared with November 1948, all of the major groups except rubber products reported employment declines, and for the first 11 months of the year, all the major groups reported declines.

Manufacturing Pay Rolls were up 1 per cent in November from October, but were 21 per cent below November 1948, and for the first 11 months of the year were 12 per cent below last year. All but 2 of the 11 major manufacturing groups reported pay roll declines in November from October, and all but 1 of the groups reported declines from November 1948 and for the first 11 months of the

INDUSTRIAL GROUP	Number Employed[a]				
	Index 1935–39=100		Change		
	Nov. 1949	Oct. 1949	Nov. 1949 from Oct. 1949	Nov. 1949 from Nov. 1948	11 mos. 1948 from 1948
			%	%	%
TOTAL (5562)[w]	124	123	+ 1	— 13	— 8
All Manufacturing (1885)[w]	109	107	+ 2	— 19	— 13
Chemicals (128)	136	136	+ x	— 8	— 7
Food Products (181)	76	83	— 9	— 27	— 6
Bakery (49)	98	104	— 5	— 4	+ 1
Miscellaneous (132)	68	76	— 10	— 33	— 8
Lumber Products (85)	134	136	— 2	— 13	— 15
Furniture (39)	124	124	+ x	— 12	— 13
Miscellaneous (46)	107	113	— 5	— 15	— 18
Machinery (356)	172	180	— 4	— 26	— 19
Electrical Mach., Apparatus and Supplies (100)	217	218	— x	— 22	— 20
Machine Tools (32)	94	97	— 3	— 37	— 27
Material Handling and Power Machinery (13)	137	178	— 23	— 37	— 3
Spec. Mach. & Appl. (211)	103	109	— 6	— 26	— 18
Metal Products (445)	105	86	+ 22	— 25	— 14
Foundry Products and Drop Forgings (21)	114	119	— 4	— 23	— 9
Pipes, Pumps, Valves and Plumbers' Supplies (10)	89	88	+ 1	— 13	— 15
Screw Machine Products and Hardware (39)	119	105	+ 14	— 20	— 17
Sheet Metal Work (68)	118	117	+ 1	— 23	— 21
Steel Works and Rolling Mills (50)	101	43	+132	— 22	— 11
Stoves and Furnaces (22)	88	104	— 15	— 29	— 23
Miscellaneous (235)	137	142	— 4	— 20	— 15
Paper and Printing (237)	113	125	— 10	— 14	— 6
Paper, inc. Stationery (18)	119	120	— x	— 6	— 4
Print and Publish. (136)	113	136	— 17	— 18	— 3
Miscellaneous (83)	117	115	+ 2	— 10	— 10
Rubber Products (40)	149	152	— 2	+ 10	— 8
Tire and Tubes (9)	150	154	— 2	+ 15	— 7
Miscellaneous (31)	152	155	— 2	— 7	— 13
Stone, Clay, and Glass Products (137)	116	117	— 1	— 11	— 7
Brick and Tile (34)	123	129	— 5	— 15	— 7
Glass (19)	101	99	+ 2	— 16	— 10
Vitreous and Semi-Vitreous China and Pottery (19)	131	133	— 1	— 5	— 3
Miscellaneous (65)	86	87	— 1	— 6	— 4
Textile (116)	85	87	— 2	— 1	— 5
Men's Clothing (41)	91	89	+ 3	— 3	— 5
Miscellaneous (75)	75	79	— 6	+ x	— 5
Vehicles (63)	116	124	— 6	— 16	— 10
Autos and Parts (31)	100	109	— 8	— 17	— 10
Cars, Electric and Street Railway (4)	59	60	— 2	— 70	— 43
Miscellaneous (28)	302	311	— 3	— 11	— 5
Misc. Manufacturing (97)	96	101	— 5	— 15	— 13
Tot. Trade & Pub. Util. (2894)[w]	124	126	— 2	— 6	+ x
Service (397)	104	105	— 1	— 2	— 2
Trade (Ret. & Whl.) (2367)	111	120	— 7	— 17	— 5
Transp. & Pub. Util. (130)	140	140	+ x	— 3	— x
Construction (677)	150	153	— 2	— 7	— 13
Mines and Quarries (106)	*	*	+104	— 12	— 4

Indexes of Number employed and pay rolls based on the employment of 497,732 persons in 4,360 firms. Figures in parentheses show number man-hours.

For sources and footnotes, see page 2.

s, nd Man-Hours in Ohio Industry

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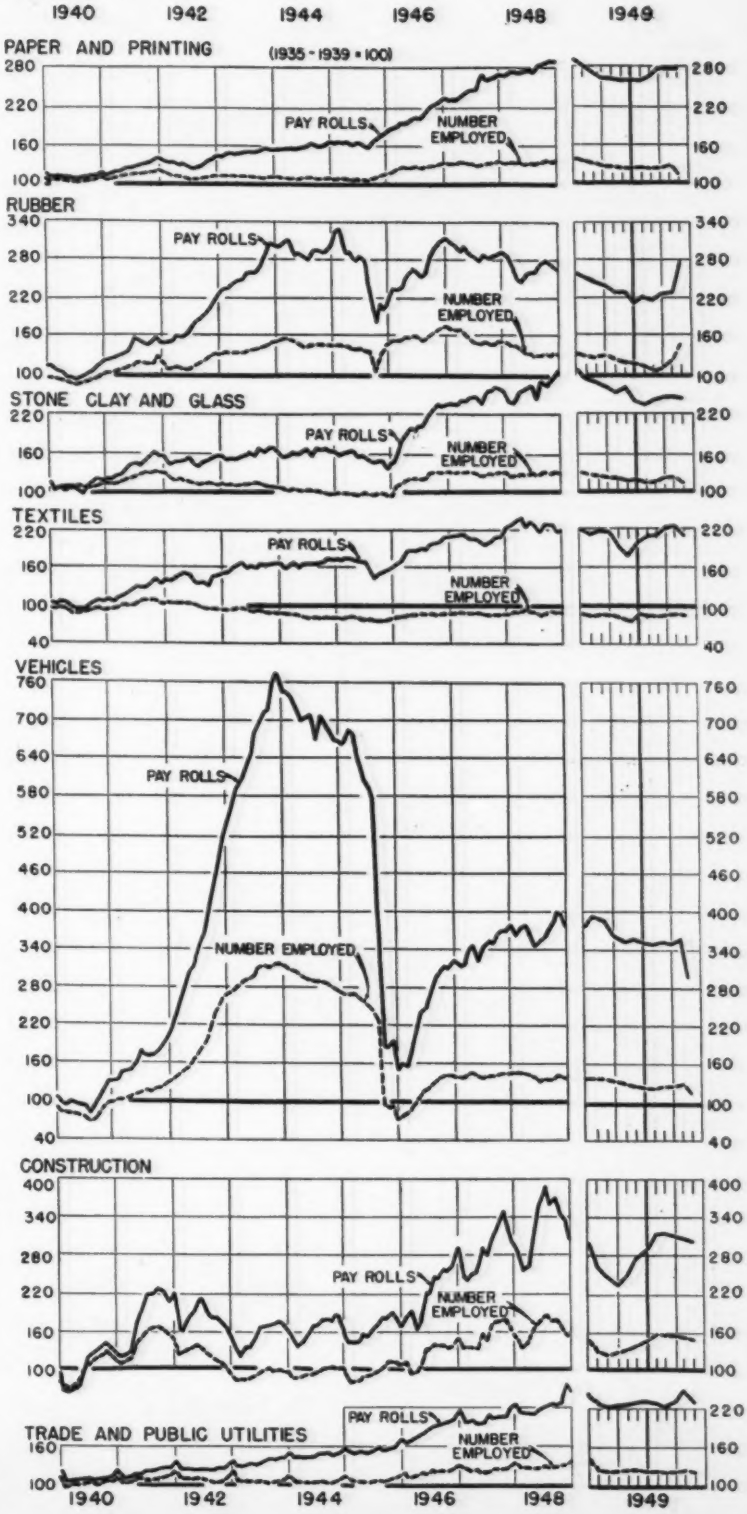
year as compared with the same period last year.

Man-Hours Worked in manufacturing were up 1 per cent in November from October, but were 21 per cent below November 1948, and for the first 11 months of the year were 15 per cent below last year. All but 1 of the major manufacturing groups reported declines in man-hours worked in November from October and from November 1948. All of the groups reported declines in man-hours worked during the first 11 months of the year as compared with the same period last year.

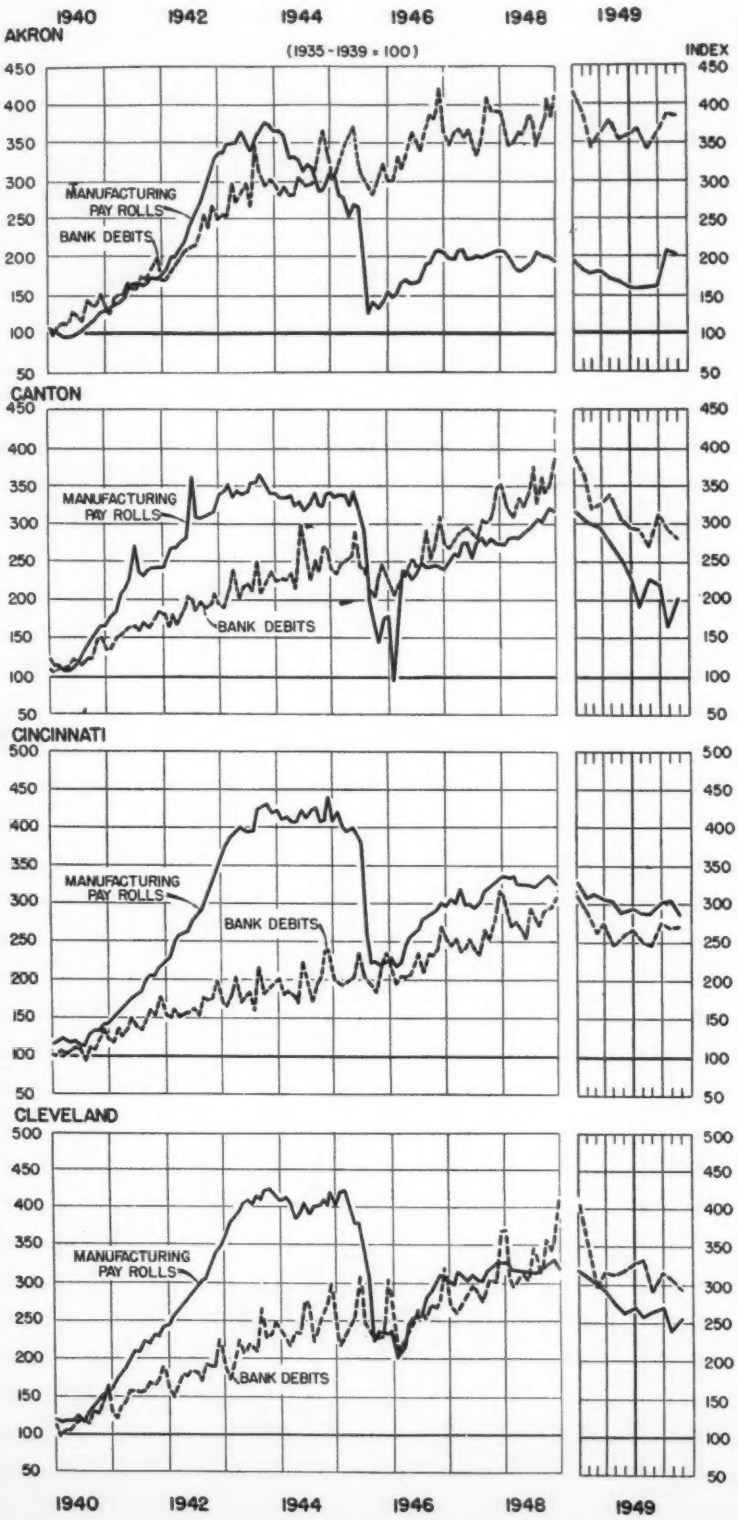
Construction Employment was down 2 per cent in November from October, 7 per cent from November 1948, and 13 per cent for the first 11 months of the year as compared with last year. Pay rolls were down 1 per cent in November from October, 10 per cent from November 1948, and 14 per cent for the first 11 months of the year. Man-hours worked dropped 2 per cent in November from October, but were 1 per cent above November 1948. For the first 11 months of the year man-hours worked dropped 4 per cent.

					Pay Rolls[5]					Man-Hours[5]				
					Index 1935-39=100		Change			Index 1935-39=100		Change		
				11 mos. 1948 from 1948		Oct. 1949	Nov. 1949 from Oct. 1949	Nov. 1949 from Nov. 1948	11 mos. 1948 from 1948	Nov. 1949	Oct. 1949	Nov. 1949 from Oct. 1949	Nov. 1949 from Nov. 1948	11 mos. 1948 from 1948
				%			%	%	%			%	%	%
				— 8		284	+ 1	— 14	— 7	c	c	— x	— 13	— 8
				— 13		256	+ 1	— 21	— 12	121	121	+ 1	— 21	— 15
				— 7		341	— 1	— 8	— 3	147	147	— x	— 9	— 8
				— 6		243	— 3	— 2	+ 1	97	103	— 5	— 5	— 4
				+ 1		248	— 3	— 1	+ 7	109	113	— 4	— 4	— x
				— 8		232	— 3	— 2	— 1	85	91	— 6	— 6	— 6
				— 15		377	— 1	— 14	— 13	148	151	— 2	— 14	— 17
				— 13		401	— 1	— 12	— 11	143	145	— 1	— 13	— 14
				— 13		215	— 3	— 15	— 17	102	106	— 4	— 16	— 21
				— 19		434	— 4	— 29	— 18	179	188	— 5	— 29	— 21
				— 20		505	— 1	— 26	— 19	229	232	— 1	— 24	— 20
				— 27		184	— 3	— 43	— 31	85	87	— 3	— 43	— 33
				— 3		598	— 33	— 48	+ 4	141	209	— 33	— 46	— x
				— 18		278	— 5	— 27	— 16	98	103	— 5	— 28	— 20
				— 14		199	+ 19	— 31	— 14	111	94	+ 18	— 31	— 19
				— 9		258	— 3	— 32	— 12	117	120	— 3	— 31	— 14
				— 15		209	+ 3	— 15	— 16	88	86	+ 3	— 17	— 20
				— 17		245	+ 17	— 20	— 19	133	113	+ 17	— 19	— 22
				— 21		316	— 6	— 30	— 21	129	136	— 5	— 28	— 24
				— 11		96	+130	— 31	— 11	104	46	+129	— 30	— 15
				— 28		254	— 25	— 34	— 30	82	108	— 24	— 36	— 33
				— 15		310	— 6	— 24	— 15	143	151	— 6	— 24	— 19
				— 6		280	— 1	— 4	— 3	128	129	— 1	— 7	— 8
				— 4		308	— x	— 10	— 10	136	135	+ x	— 11	— 12
				— 3		285	— 1	— 2	+ 1	132	134	— 2	— 6	— 5
				— 10		301	— x	— 2	— 4	126	126	— x	— 7	— 9
				— 8		287	— 3	+ 3	— 10	167	173	— 3	+ 4	— 12
				— 7		280	— 2	+ 8	— 10	178	181	— 2	+ 10	— 12
				— 13		371	— 9	— 8	— 7	140	152	— 8	— 9	— 11
				— 7		239	+ 1	— 14	— 4	103	103	— x	— 13	— 8
				— 7		295	— 7	— 26	— 7	122	129	— 6	— 23	— 11
				— 10		238	+ 7	— 13	— 3	97	93	+ 5	— 12	— 8
				— 3		213	— 3	— 14	— 2	85	87	— 3	— 12	— 5
				— 4		165	— 3	— 9	— 6	75	78	— 3	— 12	— 10
				— 5		225	— 6	— 3	— 8	92	96	— 4	— 2	— 10
				— 5		232	— 1	— 8	— 13	109	111	— 2	— 4	— 13
				— 5		224	— 9	— 1	— 5	82	87	— 5	— 2	— 9
				— 10		334	— 12	— 26	— 7	124	141	— 12	— 25	— 11
				— 10		307	— 18	— 28	— 5	107	129	— 17	— 26	— 9
				— 43		93	— 7	— 69	— 41	63	68	— 7	— 70	— 44
				— 5		795	— 4	— 26	— 9	269	284	— 5	— 27	— 12
				— 13		224	— 8	— 16	— 11	129	141	— 9	— 18	— 16
				+ x		232	— 2	— 1	+ 5	117	119	— 2	— 9	— 4
				— 2		159	— 1	+ 1	+ 3	89	90	— 2	— 9	— 9
				— 5		219	— 7	— 11	+ x	108	118	— 8	— 18	— 6
				— x		279	— x	— 2	+ 3	153	156	— 2	— 8	— 3
				— 13		307	— 1	— 10	— 14	c	c	— 2	+ 1	— 4
				— 4		*	+ 84	— 28	— 13	c	c	+ 53	— 23	— 12

employment ... 9,167 persons in 5,562 firms; indexes of man-hours, on the employment ... low number ... firms reporting employment and payroll. In most cases fewer firms report



Business Conditions in



AKRON

Total employment decreased during November, 2 per cent from October, but it was 9 per cent greater than in November 1948. Total pay rolls followed the same trend, increasing 12 per cent from November 1948.

Bank debits decreased 1 per cent from October, but they were 1 per cent greater than in November 1948. Retail sales increased 11 per cent from October but they decreased 3 per cent from November 1948, and the first 11 months of 1949 were 4 per cent less than the same period of 1948. Cost of living decreased fractionally from October and was 2 per cent less than in November 1948.

Industrial power consumption increased 6 per cent from October, but was 2 per cent less than in November 1948.

CANTON

Total employment increased 14 per cent during November from October but it was 32 per cent below November 1948. Employment during the first 11 months of 1949 was off 12 per cent from the first 11 months of 1948. Pay roll changes tended to lag behind employment. Pay rolls increased 3 per cent from October and decreased 42 per cent from November 1948.

Bank debits decreased 5 per cent from October and were 21 per cent below November 1948. Retail sales increased 16 per cent from October but they were off 8 per cent from November 1948.

CINCINNATI

Total employment decreased 4 per cent during November from October and it was 15 per cent below November 1948. Manufacturing employment decreased 8 per cent from October while non-manufacturing employment was 2 per cent above October. Changes in pay rolls were very similar to employment changes.

Bank debits increased 1 per cent from October but were 9 per cent below November 1948. Retail sales increased 8 per cent from October, but they were off 5 per cent from November 1948. Cost of living decreased fractionally from October and was 2 per cent below November 1948 while retail food prices decreased 1 per cent and 5 per cent, respectively.

The steel industry showed an average operating rate of 55 per cent of capacity during November.

CLEVELAND

Total employment decreased 2 per cent during November from October, and was 16 per cent below November 1948. Manufacturing employment increased 6 per cent from October while non-manufacturing employment decreased 10 per cent from October. Changes in pay rolls were very similar to changes in employment in all categories.

Bank debits decreased 5 per cent from October, and they were 18 per cent less than in November 1948. Retail sales increased 6 per cent from October, but they were 5 per cent less than in November 1948. Cost of living decreased fractionally from October, and it was 3 per cent below November 1948. Retail food prices decreased 2 per cent and 5 per cent, respectively.

ITEM — Unit or Index — Base Period	Nov. 1949	Oct. 1949	Change from Last Month: Nov. 1949 from Oct. 1949	Change from Last Year: Nov. 1949 from Nov. 1948	Change from Last Year: 11 mos. 1949 from 1948
AKRON					
			%	%	%
Number Employed:[5,g]					
Total[w] (236)[a] *1935–39*	125	127	— 2	+ 9	— 1
All Manufacturing (76)[a] ..... "	115	118	— 2	+ 9	— 7
Trade & Pub. Util. (130)[a] ..... "	153	154	— 1	+ 10	+ 14
Construction (36)[a] ..... "	100	105	— 5	— 10	— 13
• Pay Rolls:[5g] Total[w] (236)[a] ..... "	239	244	— 2	+ 12	+ 1
All Manufacturing (76)[a] ..... "	201	206	— 2	+ 2	— 9
Trade & Pub. Util. (130)[a] ..... "	308	295	+ 4	+ 19	+ 13
Construction (36)[a] ..... "	327	346	— 6	— 10	— 8
Ret. Sales—Independent Stores[4] (88)[a] .. %	e	e	+ 11	— 3	— 4
Auto Registrations:[2,g] New Cars .....*No.*	1,289	1,475	— 13	+ 7	+ 23
" " New Trucks ... "	156	196	— 20	— 14	— 24
Cost of Living[20] .....*Jan. 1939*	162	163	— x	— 2	— 1
•Bank Debits Index[8,f] *1935–39*	385	387	— 1	+ 1	— 1
Commercial Failures[12] .....*No.*	4	1	+ 3†	+ 3†	+ 25†
" Liabilities[12] .....*Thous. Dol.*	78	7	+ y	+ y	+ 14
Indus. Power Consump. Index[1,f] .*1935–39*	383	362	+ 6	— 2	— 11
Val. Bldg. Permits[5,f]—Total[b] ..... "	703	906	— 22	+ 25	— 24
Residential ..... "	980	1,222	— 20	+138	— 9
Nonresidential ..... "	822	777	+ 6	— 15	— 40
CANTON					
Number Employed:[5,g]					
Total[w] (182)[a] *1935–39*	113	99	+ 14	— 32	— 12
All Manufacturing (76)[a] ..... "	101	81	+ 25	— 43	— 18
Trade & Pub. Util. (72)[a] ..... "	133	128	+ 4	— 5	+ 1
Construction (34)[a] ..... "	135	133	+ 2	— 40	— 5
• Pay Rolls:[5g] Total[w] (182)[a] ..... "	190	184	+ 3	— 42	— 13
All Manufacturing (76)[a] ..... "	201	173	+ 16	— 38	— 16
Trade & Pub. Util. (72)[a] ..... "	296	291	+ 2	+ 1	+ 3
Construction (34)[a] ..... "	282	270	+ 5	— 31	+ 9
Ret. Sales—Independent Stores[4] (25)[a] .. %	e	e	+ 16	— 8	— 5
Auto Registrations:[2,g] New Cars .....*No.*	888	865	+ 3	+ 21	+ 24
" " New Trucks ... "	108	122	— 11	— 14	— 15
•Bank Debits Index[8,f] *1935–39*	280	293	— 5	— 21	— 7
Commercial Failures[12] .....*No.*	2	3	— 1†	+ 2†	+ 10†
" Liabilities[12] .....*Thous. Dol*	21	8	+163	+ y	+ y
Val. Bldg. Permits[5,f] Total[b] *1935–39*	593	582	+ 2	+ 32	+ 8
Residential ..... "	638	730	— 13	+101	+ 17
Nonresidential ..... "	961	691	+ 39	— x	— 7
CINCINNATI					
Number Employed:[5,g]					
Total[w] (866)[a] *1935–39*	105	109	— 4	— 15	— 11
All Manufacturing (332)[a] ..... "	121	131	— 8	— 17	— 12
Trade & Pub. Util. (422)[a] ..... "	91	89	+ 2	— 15	— 10
Construction (112)[a] ..... "	109	111	— 2	+ 16	— 3
• Pay Rolls:[5g] Total[w] (866)[a] ..... "	224	240	— 6	— 14	— 8
All Manufacturing (332)[a] ..... "	287	304	— 6	— 14	— 10
Trade & Pub. Util. (422)[a] ..... "	188	185	+ 1	— 12	— 6
Construction (112)[a] ..... "	215	222	— 3	+ 13	— 4
Ret. Sales—Independent Stores[4] (199)[a] . %	e	e	+ 8	— 5	— 6
Auto Registrations:[2,g] New Cars .....*No.*	2,346	2,509	— 6	+ 15	+ 25
" " New Trucks ... "	315	348	— 9	— 13	— 28
Cost of Living[20] .....*Jan. 1939*	163	163	— x	— 2	— 1
Retail Food Price Index[18] *1935–39*	199	200	— 1	— 5	— 5
•Bank Debits Index[8,f] *1935–39*	268	266	+ 1	— 9	— 5
Commercial Failures[12] .....*No.*	2	2	0†	+ 1†	+ 15†
" Liabilities[12] .....*Thous. Dol.*	54	25	+116	+500	— 25
Val. Bldg. Permits[5,f] Total[b] *1935–39*	347	231	+ 50	+ 92	— 12
Residential ..... "	164	118	+ 40	+ 64	— 26
Nonresidential ..... "	583	257	+127	+271	+ 1
Steel Ind. Oper. Rate[13] *4 Wks. Av. % Cap.*	55	49	+ 12	— 46	— 8
CLEVELAND					
Number Employed:[5,g]					
Total[w] (1054)[a] *1935–39*	119	121	— 2	— 16	— 9
All Manufacturing (498)[a] ..... "	118	111	+ 6	— 16	— 14
Trade & Pub. Util. (383)[a] ..... "	109	122	— 10	— 14	— 1
Construction (173)[a] ..... "	438	431	+ 2	— 20	— 24
• Pay Rolls:[5g] Total[w] (1054)[a] ..... "	266	269	— 1	— 17	— 6
All Manufacturing (498)[a] ..... "	255	244	+ 5	— 23	— 14
Trade & Pub. Util. (383)[a] ..... "	225	245	— 8	— 8	+ 4
Construction (173)[a] ..... "	535	511	+ 5	— 19	— 24
Ret. Sales—Independent Stores[4] (311)[a] . %	e	e	+ 6	— 5	— 2
Auto Registrations:[2,g] New Cars .....*No.*	4,817	5,572	— 14	+ 7	+ 28
" " New Trucks ... "	439	552	— 20	— 31	— 35
Cost of Living[20] .....*Jan. 1939*	161	161	— x	— 3	— 2
Retail Food Price Index[18] *1935–39*	206	209	— 2	— 5	— 4
•Bank Debits Index[8,f] *1935–39*	294	309	— 5	— 18	— 3
Commercial Failures[12] .....*No.*	11	6	+ 5†	+ 1†	+ 51†
" Liabilities[12] .....*Thous. Dol.*	178	71	+151	— 21	+332
Val. Bldg. Permits[5,f] Total[b] *1935–39*	276	424	— 35	+ 55	— 1
Residential ..... "	291	507	— 43	+208	+ 88
Nonresidential ..... "	302	492	— 39	— 1	— 33
Steel Ind. Oper. Rate[13] *4 Wks. Av. % Cap.*	46	0	+ y	— 53	— 12

• Indicates Series Charted (Page 6). For Sources and Footnotes, see Page 2.

ITEM — Unit or Index Base Period	Nov. 1949	Oct. 1949	Change from Last Month: Nov. 1949 from Oct. 1949	Change from Last Year: Nov. 1949 from Nov. 1948	Change from Last Year: 11 mos. 1949 from 1948
COLUMBUS					
			%	%	%
Number Employed:[5,g]					
Total[w] (393)[a] *1935–39*	119	124	— 3	— 15	— 5
All Manufacturing (105)[a] ..... "	99	116	— 14	— 27	— 10
Trade & Pub. Util. (256)[a] ..... "	127	123	+ 3	— 9	— 3
Construction (32)[a] ..... "	197	193	+ 2	+ 2	+ 10
• Pay Rolls:[5g] Total[w] (393)[a] ..... "	259	279	— 7	— 18	— 2
All Manufacturing (105)[a] ..... "	280	332	— 16	— 30	— 8
Trade & Pub. Util. (256)[a] ..... "	223	229	— 3	— 11	+ 2
Construction (32)[a] ..... "	465	457	+ 2	+ 2	+ 18
Ret. Sales—Independent Stores[4] (147)[a]. %	e	e	+ 3	+ 2	+ 2
Auto Registrations:[2,g] New Cars .....*No.*	1,474	1,833	— 20	+ 20	+ 36
" " New Trucks ... "	169	198	— 15	— 26	— 27
Retail Food Price Index[10] *1935–39*	181	184	— 2	— 6	— 6
• Bank Debits Index[2,f] *1935–39*	329	306	+ 7	— 12	+ 1
Commercial Failures[12] .....*No.*	3	5	— 2†	+ 2†	+ 35†
" Liabilities[12] .....*Thous. Dol.*	133	30	+343	+ y	+260
Val. Bldg. Permits[5,f] Total[b] *1935–39*	448	401	+ 12	+ 2	+ 11
Nonresidential ..... "	587	547	+ 7	+ 24	+ 21
Residential ..... "	235	104	+126	— 51	+ 62
DAYTON					
Number Employed:[5,g]					
Total[w] (263)[a] *1935–39*	136	137	— 1	— 12	— 12
All Manufacturing (111)[a] ..... "	143	144	— 1	— 14	— 16
Trade & Pub. Util. (101)[a] ..... "	136	136	— x	— 10	— 5
Construction (51)[a] ..... "	94	96	— 2	+ 4	— 2
• Pay Rolls:[5g] Total[w] (263)[a] ..... "	364	376	— 3	— 8	— 7
All Manufacturing (111)[a] ..... "	400	413	— 3	— 14	— 12
Trade & Pub. Util. (101)[a] ..... "	295	304	— 3	— 6	+ x
Construction (51)[a] ..... "	309	321	— 4	+ 6	+ 3
Ret. Sales—Independent Stores[4] (23)[a].. %	e	e	+ 16	— 12	— 14
Auto Registrations:[2,g] New Cars .....*No.*	1,295	1,526	— 15	+ 13	+ 31
" " New Trucks ... "	111	170	— 35	— 27	— 26
Cost of Living[20] .....*Jan. 1939*	155	155	— x	— 3	— 3
• Bank Debits Index[2,f] *1935–39*	354	353	+ x	— 8	— 5
Commercial Failures[12] .....*No.*	8	2	+ 6†	+ 5†	+ 24†
" Liabilities[12] .....*Thous. Dol.*	200	15	+ y	+953	— 38
Indus. Power Consump. Index[1,f] .*1935–39*	287	264	+ 8	+ x	— 2
Val. Bldg. Permits[5,f]—Total[b] ..... "	449	383	+ 17	+ 45	+ 14
Residential ..... "	886	726	+ 22	+139	+ 18
Nonresidential ..... "	257	194	+ 32	+ 17	+ 4
TOLEDO					
Number Employed:[5,g]					
Total[w] (346)[a] *1935–39*	92	94	— 2	— 20	— 13
All Manufacturing (118)[a] ..... "	86	91	— 5	— 28	— 18
Trade & Pub. Util. (182)[a] ..... "	97	96	+ 1	— 9	— 3
Construction (46)[a] ..... "	103	110	— 6	— 17	— 24
• Pay Rolls:[5g] Total[w] (346)[a] ..... "	194	197	— 1	— 20	— 8
All Manufacturing (118)[a] ..... "	177	190	— 7	— 29	— 15
Trade & Pub. Util. (182)[a] ..... "	189	186	+ 2	— 4	— 1
Construction (46)[a] ..... "	205	218	— 6	— 16	— 25
Ret. Sales—Independent Stores[4] (112)[a]. %	e	e	+ 7	— 10	— 6
Auto Registrations:[2,g] New Cars .....*No.*	1,219	1,464	— 17	— 13	+ 19
" " New Trucks ... "	132	149	— 11	— 14	— 31
Cost of Living[20] .....*Jan. 1939*	164	163	+ 1	— 2	— 2
• Bank Debits Index[2,f] *1935–39*	276	297	— 7	— 10	— 9
Commercial Failures[12] .....*No.*	1	2	— 1†	+ 1†	+ 23†
" Liabilities[12] .....*Thous. Dol.*	30	36	— 17	+ y	+215
Indus. Power Consump. Index[1,f] .*1935–39*	249	247	+ 1	— 10	— 2
Val. Bldg. Permits[5,f]—Total[b] ..... "	398	363	+ 10	+156	— 7
Residential ..... "	522	506	+ 3	+135	+ 25
Nonresidential ..... "	371	207	+ 79	+439	— 21
YOUNGSTOWN					
Number Employed:[5,g]					
Total[w] (140)[a] *1935–39*	86	74	+ 16	— 36	— 12
All Manufacturing (33)[a] ..... "	83	61	+ 35	— 43	— 10
Trade & Pub. Util. (84)[a] ..... "	111	114	— 2	— 18	— 8
Construction (23)[a] ..... "	23	21	+ 11	— 58	— 49
• Pay Rolls:[5g] Total[w] (140)[a] ..... "	165	138	+ 20	— 43	— 12
All Manufacturing (33)[a] ..... "	158	118	+ 34	— 52	— 10
Trade & Pub. Util. (84)[a] ..... "	246	253	— 3	— 11	+ 1
Construction (23)[a] ..... "	91	87	+ 5	— 31	— 28
Ret. Sales—Independent Stores[4] (119)[a]. %	e	e	+ 16	— 11	— 8
Auto Registrations:[2,g] New Cars .....*No.*	b	b	b	b	b
" " New Trucks ... "	b	b	b	b	b
Cost of Living[20] .....*Jan. 1939*	158	158	+ x	— 4	— 2
• Bank Debits Index[2,f] *1935–39*	286	318	— 10	— 25	— 5
Commercial Failures[12] .....*No.*	1	0	+ 1†	+ 1†	+ 9†
" Liabilities[12] .....*Thous. Dol.*	1	0	+ y	+ y	+ 12
Indus. Power Consump. Index[1,f] .*1935–39*	153	101	+ 51	— 39	— 4
Val. Bldg. Permits[5,f]—Total[b] ..... "	160	255	— 37	— 3	+ 19
Residential ..... "	241	376	— 36	+ 94	+ 57
Nonresidential ..... "	139	73	+ 90	— 52	+ 3
Steel Ind. Oper. Rate[13] *4 Wks. Av. % Cap.*	36	0	+ y	— 65	— 8

* Indicates Series Charted (Page 7). For Sources and Footnotes, see Page 2.

the Chief Ohio Cities

The steel industry operated at an average rate of 46 per cent of capacity during November.

COLUMBUS

Total employment decreased 3 per cent during November from October, and it was 15 per cent below November 1948. Manufacturing employment decreased 14 per cent from October, while non-manufacturing employment increased 3 per cent from October. Pay rolls in general showed greater decreases than employment except in the case of construction when pay rolls and employment showed slight increases.

Bank debits increased 7 per cent from October, but were 12 per cent less than in November 1948. Retail sales increased 3 per cent from October and 2 per cent from November 1948. Of the eight cities reviewed in these paragraphs, Columbus is the only one showing an increase in sales from November 1948. Retail food prices decreased 2 per cent from October and 6 per cent from November 1948.

DAYTON

Total employment decreased 1 per cent during November from October and was 12 per cent below November 1948. Each of the components of employment showed very similar changes, except construction which was 4 per cent above November 1948. Pay rolls showed general decreases which were somewhat larger than the corresponding decreases in employment.

Bank debits increased fractionally from October 1948 and were 8 per cent below November 1948. Retail sales increased 16 per cent from October but were 12 per cent below November 1948. Cost of living decreased fractionally from October, and was 3 per cent less than in November 1948.

TOLEDO

Total employment decreased 2 per cent during November from October and was 20 per cent below November 1948. Manufacturing employment decreased 5 per cent from October, while non-manufacturing employment increased 1 per cent from October. Pay roll changes were very similar to employment changes.

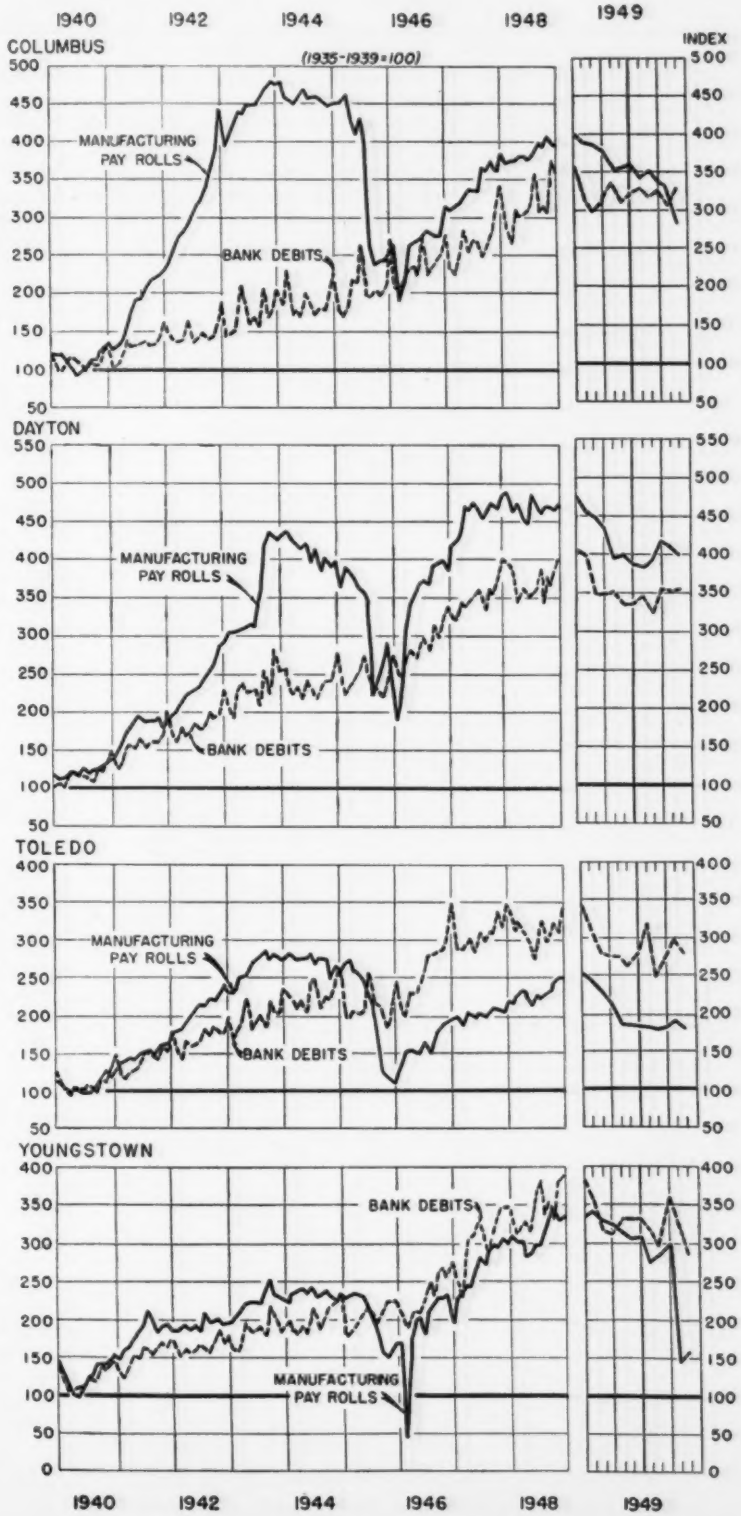
Bank debits decreased 7 per cent from October and were off 10 per cent from November 1948. Retail sales increased 7 per cent from October but were 10 per cent less than in November 1948. Cost of living increased 1 per cent from October but was 2 per cent below November 1948.

YOUNGSTOWN

Total employment increased 16 per cent during November 1948. Manufacturing employment increased 35 per cent while non-manufacturing employment decreased 2 per cent from October. Pay roll trends followed employment very closely.

Bank debits decreased 10 per cent from October and were 25 per cent less than in November 1948. Retail sales increased 16 per cent from October but they were off 11 per cent from November 1948. Cost of living increased fractionally from October but it was 4 per cent below November 1948.

The steel industry operated at an average rate of 36 per cent of capacity in November.



MANUFACTURING IN OHIO COUNTIES, 1939 TO 1947

Medium and small-size manufacturing counties in Ohio scored the greatest percentage gains in manufacturing between 1939 and 1947. The comparison is based on the reports of the Census of Manufacturers.

Value added by manufacture (total value of product less cost of materials and supplies) in Ohio was $2,116,-434,000 in 1939. In 1947, it was $6,359,006,000, an increase of about 201 per cent. All counties showed increases in value added by manufacture. Individual increases ranged from a low of 85 per cent to a high of 587 per cent. In the accompanying table, the value added by manufacture, the percentage distribution by counties for 1939 and 1947 and the percentage increase from 1939 are shown. Gains greater than average occurred for counties that had larger shares of the state total in 1947 than in 1939. Counties that had smaller shares in the later year gained less than the average.

Value Added by Manufacture, Large and Medium-Size Manufacturing Counties, Ohio, 1939 and 1947

COUNTY	Value Added by Manufacture (Million Dollars)		% of Total Value Added by Manufacture		Per cent Increase '47 from 1939
	1939	1947	1939	1947	
Large Manufacturing Counties *(1 per cent or more of Total Value Added by Manufacture in 1939)*					
Cuyahoga	$ 487.6	$1,488.3	23.0	23.4	205.3
Hamilton	251.6	732.2	11.9	11.5	191.0
Summit	166.4	460.3	7.9	7.2	176.6
Montgomery	162.1	487.8	7.7	7.7	200.8
Lucas	111.1	390.0	5.3	6.1	250.9
Stark	107.8	280.2	5.1	4.4	160.0
Mahoning	98.5	232.0	4.7	3.6	135.6
Franklin	90.0	277.8	4.3	4.4	208.7
Trumbull	69.1	213.7	3.3	3.4	209.4
Lorain	56.7	131.6	2.7	2.1	132.4
Clark	47.9	113.2	2.3	1.8	136.3
Butler	46.2	137.4	2.2	2.2	197.7
Richland	29.8	118.5	1.4	1.9	299.2
Jefferson	26.1	53.7	1.2	0.8	105.2
Total: 14 Counties	$1,750.8	$5,116.8	82.7	80.5	192.3
Medium-Sized Manufacturing Counties *(.1 of 1 per cent to 1 per cent or more of Total Value Added by Manufacture in 1939)*					
Miami	17.5	44.6	0.8	0.7	154.4
Lake	17.4	57.8	0.8	0.9	231.6
Scioto	17.2	40.0	0.8	0.6	132.0
Allen	16.4	73.1	0.8	1.1	346.1
Columbiana	16.2	59.1	0.8	0.9	264.3
Wood	15.1	43.6	0.7	0.7	188.7
Muskingum	15.1	44.7	0.7	0.7	196.5
Tuscarawas	13.7	41.3	0.6	0.6	201.1
Seneca	12.5	49.8	0.6	0.8	299.5
Licking	11.2	31.6	0.5	0.5	180.9
Erie	11.0	43.8	0.5	0.7	299.1
Portage	10.8	32.9	0.5	0.5	205.2
Fairfield	10.8	24.5	0.5	0.4	127.7
Sandusky	9.7	35.5	0.5	0.6	267.2
Marion	9.6	36.8	0.5	0.6	285.6
Crawford	9.3	33.0	0.4	0.5	256.2
Ross	8.9	16.4	0.4	0.3	84.7
Ashtabula	7.4	37.2	0.3	0.6	402.7
Ashland	7.4	28.1	0.3	0.4	281.8
Wayne	7.3	32.9	0.3	0.5	348.5
Hancock	7.3	21.5	0.3	0.3	193.5
Belmont	6.4	19.0	0.3	0.3	195.6
Ottawa	6.4	15.5	0.3	0.2	142.0
Knox	6.0	23.0	0.3	0.4	283.1
Coshocton	5.7	22.4	0.3	0.4	293.2
Warren	5.1	20.4	0.2	0.3	298.4
Medina	5.1	18.7	0.2	0.3	265.0
Shelby	5.0	21.9	0.2	0.3	338.8
Lawrence	4.6	30.0	0.2	0.5	550.5
Auglaize	4.6	16.7	0.2	0.3	267.5
Mercer	4.5	10.8	0.2	0.2	140.8
Huron	3.7	13.9	0.2	0.2	271.1
Defiance	3.6	12.9	0.2	0.2	254.8
Williams	3.2	10.9	0.2	0.2	242.3
Guernsey	3.1	8.5	0.1	0.1	173.2
Greene	2.8	8.6	0.1	0.1	205.1
Carroll	2.5	5.3	0.1	0.1	114.5
Perry	2.4	7.4	0.1	0.1	211.5
Darke	2.3	5.6	0.1	0.1	145.4
Champaign	2.3	8.6	0.1	0.1	278.1
Washington	2.2	15.0	0.1	0.2	586.9
Total: 41 Counties	$ 333.3	$1,123.5	15.7	17.7	237.1
Total: 55 Counties	2,084.1	6,240.3	98.4	98.1	199.4
Total all others: 33 Counties	32.3	118.7	1.6	1.9	267.5
Total: State	2,116.4	6,359.0	100.0	100.0	200.5

Source: United States Department of Comerce, Bureau of the Census.
NOTE: Sum of the parts may not equal total due to rounding.

In this analysis, Ohio's 88 counties were divided into three groups based on their shares of the total value added by manufacture in 1939. The first group consisted of the 14 counties that had 1 per cent or more of the state total value added by manufacture in 1939. Since the state total was more than two billion dollars, 1 per cent would be more than 20 million dollars. As value of produce was more than twice the value added by manufacture, 1 per cent would represent, on the average, between 40 and 50 million dollars' worth of goods. These 14 counties are scattered widely over Ohio, thus indicating that the state's industrial structure is somewhat decentralized.

The 14 big manufacturing counties turned in a total value added by manufacture of $1,750,838,000 in 1939, or 82.7 per cent of the state total. In 1947, the same 14 counties had a total of $5,066,783,000 in value added by manufacture. Their percentage of the state total declined to 79.7. Four of the 14 increased their shares slightly, 8 had smaller percentages than in 1939, and 2 were unchanged. The gain of the group was 189 per cent, somewhat below the state average.

The "medium-sized" manufacturing counties were the 41 that had between .1 or 1 per cent and 1 per cent of the state total value added by manufacture in 1939. They covered a range from slightly over 2 million dollars to almost 20 million dolars in value added by manufacture in 1939, or between 4.5 and 45 million dollars' worth of total product. They are also widely scattered.

Value added by manufacture in these 41 counties in 1939 was $333,268,000 or 15.7 per cent of the state total. In 1947, their value added was $1,123,485,000, or 17.7 per cent of the state total. The gain of this group was 237 per cent, significantly above the state average of 201 per cent.

On value added by manufacture, 19 counties of the medium-sized group increased their shares of the state total between 1939 and 1947, and 5 counties had smaller shares in 1947 than in 1939, and 17 were unchanged.

Adding the two groups together, the 55 most industrialized counties of Ohio accounted in 1939 for 98.4 per cent of the state total. Their 1947 share of the total value added was almost as large, 97.4 per cent. Their combined rate of increase was 197 per cent, almost the same as that of the state.

The remaining 33 counties of Ohio had a total of less than 2 per cent of the state total in 1939 and more than 2 per cent in 1947. Individually considered, 19 of the small manufacturing counties increased their shares in the eight-year period, 1 was unchanged, 9 showed smaller percentages, and 4 could not be ranked because complete figures were not given. The gain of the group was 426 per cent.

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